

Title (en)

POLYESTER POLYOLS FROM RECYCLED POLYMERS AND WASTE STREAMS

Title (de)

POLYESTERPOLYOLE AUS WIEDERVERWENDETEN POLYMEREN UND ABFALLSTRÖMEN

Title (fr)

POLYOLS DE POLYESTER ISSUS DE POLYMÈRES RECYCLÉS ET DE FLUX DE DÉCHETS

Publication

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Application

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- US 201562185008 P 20150626
- US 2015045792 W 20150819

Abstract (en)

[origin: WO2016028837A1] The present invention relates to polyester polyols made from aromatic polyacid sources such as thermoplastic polyesters. The polyols can be made by heating a thermoplastic polyester such as virgin polyethylene terephthalate, recycled polyethylene terephthalate, or mixtures thereof, with a glycol to give a digested intermediate which is then reacted with a digestible polymer, which can be obtained from various recycle waste streams. The polyester polyols comprise a glycol-digested polyacid source and a further digestible polymer. The polyester polyols provide a sustainable alternative to petrochemical or biochemical based polyester polyols.

IPC 8 full level

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- See also references of WO 2016028837A1

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